

# HDK 2.8 SERIES



HDK 2.8 Series Female Terminals

## BENEFITS

- High vibration (up to 80 G with silver) high temperature (up to 150 °C) terminal system
- Related movements are blocked thanks to the high contact pressure
- Two-piece contact system

## FEATURES

- 4 contact points
- Ultrasonic welding compatible
- High contact pressure



## AVAILABLE CONFIGURATIONS

Terminal Construction	Two-piece
Locking Mechanism	Lanceless / Tangless
Crimp Validated to	VW 75174-2
Blade Size (mm)	2.8
Wire Gage Range (mm <sup>2</sup> )	0.22 - 2.5
Genders	Female
Sealing Options	Cable Sealed / SWS*
Plating Options	SnAg, Ag
Mating Tab Dimension (mm)	2.8 x 0.6

\* Single Wire Seal

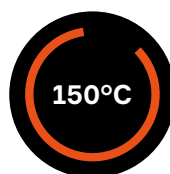


## TECHNICAL CHARACTERISTICS

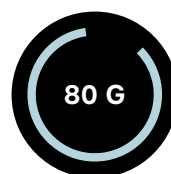
Contact Resistance	< 3 mΩ
Contact Mating Force	< 20 N / < 35 N
Contact Unmating Force	< 20 N / < 32 N
Mating Cycles	10 / 25
Cavity Pullout Force	> 80 N
Center Line Spacing	5 / 6 mm



MAX  
TEMP



MAX  
VIBRATION



MAX  
CURRENT



Ag

with 2.5 mm<sup>2</sup>

See back page for representative part numbers and packaging dimensions.

## About Aptiv

Aptiv is a global technology company that develops safer, greener and more connected solutions enabling the future of mobility.

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Sealing	Gender	Plating	Wire size range (mm <sup>2</sup> )	Part number	Other available platings
Cable Sealed	F	SnAg	0.22 - 0.35	33515099	Ag
Cable Sealed	F	SnAg	0.5 - 1.0	33515098	Ag
Cable Sealed	F	SnAg	1.0 - 2.5	33515097	Ag

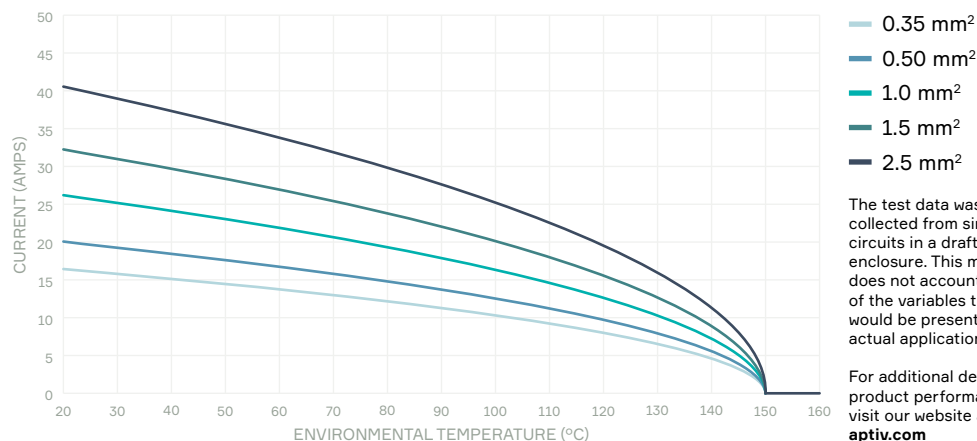
## COMPATIBLE SEALS

Type	Applicable wire size (mm)	Color	Part number
SWS	0.22 - 0.35; 0.5 - 1.0	Blue	10779162
SWS	1.0 - 2.5	Red-Brown	10779159
SWS	1.0 - 2.5	Yellow	10779161

## DERATING CURVES

Cable range: 0.35 - 2.5 mm<sup>2</sup>  
 Crimp method: Standard  
 Contact plating: Ag  
 Test method: Single circuit in free air\*  
 Mated to: Delphi header

\* For reference only



The test data was collected from single circuits in a draft free enclosure. This model does not account for all of the variables that would be present in an actual application.

For additional detailed product performance, visit our website at [aptiv.com](https://www.aptiv.com)

## COMPATIBLE WITH



Part numbers, specifications, dimensions and performance data in this document are for general references only and are subject to change without notice. To verify product information, please contact an Aptiv representative.

CS-SP101-HDK-En0221

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